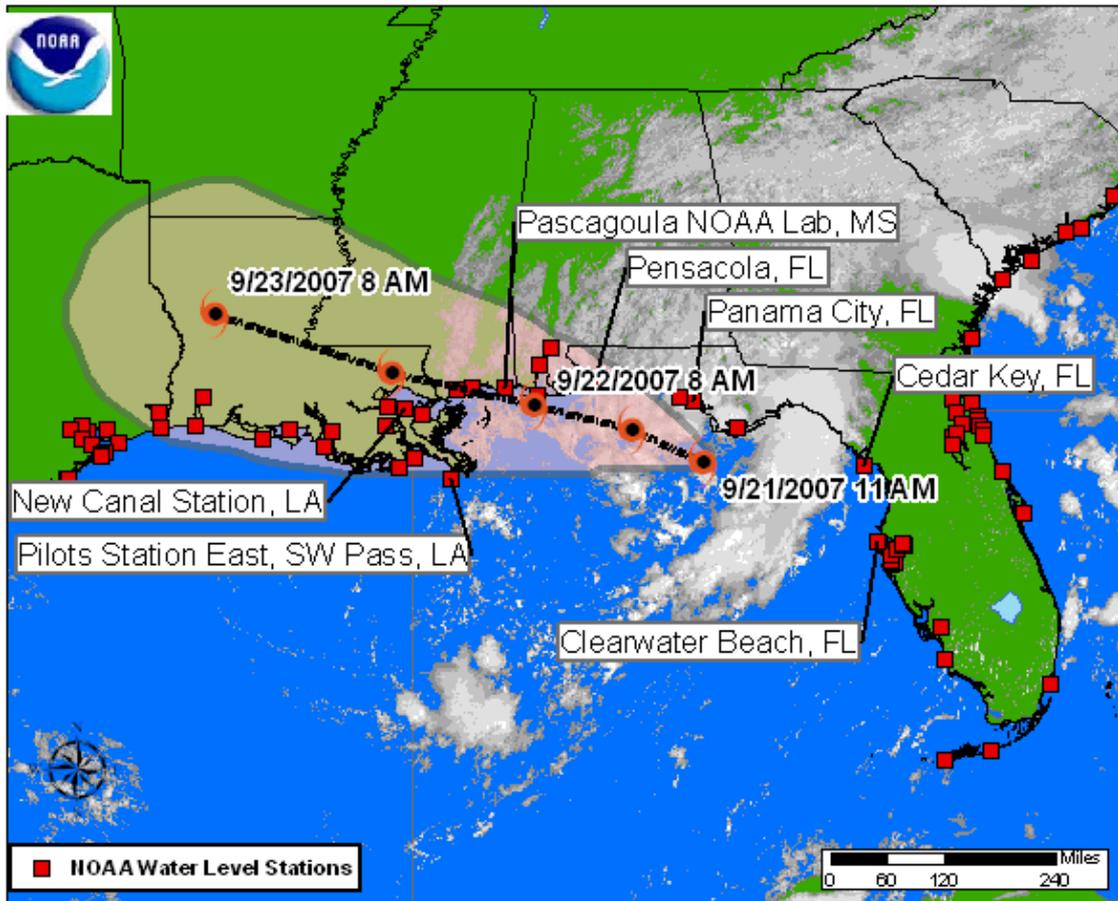




Subtropical Depression TEN QUICKLOOK  
Posted: 12:00 EDT 09/21/2007

**NOAA and NOAA Partnership Stations Relative to the Storm**



**Storm Analysis**

Water level and meteorological plots available below are updated automatically. Water Level Observations on Mean Lower Low Water as of 9/21/2007 12:00 EDT are:

Cedar Key, FL ~ 1.93 ft (0.50 m) above predicted. Next high tide Sat 9/22/2007 at 00:04 EDT.

Clearwater Beach, FL ~ 0.91 ft (0.28 m) above predicted. Next high tide Fri 9/21/2007 at 22:16 EDT.

Panama City, FL ~ 0.32 ft (0.10 m) above predicted. Next high tide Sat 9/22/2007 at 06:35 EDT.

Pensacola, FL ~ 0.06 ft (0.02 m) above predicted. Next high tide Sat 9/22/2007 at 07:32 EDT.

Pascagoula NOAA Lab, MS ~ 0.47 ft (0.14 m) above predicted. Next high tide Sat 9/22/2007 at 06:32 EDT.

Pilots Station East, SW Pass, LA ~ 0.39 ft (0.12 m) above predicted. Next high tide Sat 9/22/2007 at 05:47 EDT.

New Canal Station, LA ~ 0.83 ft (0.25 m) above predicted. Next high tide Fri 9/21/2007 at 15:41 EDT.

**SELECT NATIONAL HURRICANE CENTER ADVISORY INFORMATION:**

**...SUBTROPICAL DEPRESSION FORMS IN THE NORTHEASTERN GULF OF MEXICO...**

**AT 10 AM CDT...1500 UTC...A TROPICAL STORM WARNING IS IN EFFECT FROM APALACHICOLA FLORIDA WESTWARD TO THE MOUTH OF THE MISSISSIPPI RIVER...INCLUDING NEW ORLEANS AND LAKE PONTCHARTRAIN. A TROPICAL STORM WARNING MEANS THAT TROPICAL STORM CONDITIONS ARE EXPECTED WITHIN THE WARNING AREA WITHIN THE NEXT 24 HOURS.**

**AT 1000 AM CDT...1500Z...THE POORLY-DEFINED CENTER OF SUBTROPICAL DEPRESSION TEN WAS LOCATED NEAR LATITUDE 29.2 NORTH...LONGITUDE 85.5 WEST OR ABOUT 45 MILES... 75 KM...SOUTHWEST OF APALACHICOLA FLORIDA AND ABOUT 185 MILES...300 KM...EAST-SOUTHEAST OF MOBILE ALABAMA.**

**THE DEPRESSION IS MOVING TOWARD THE NORTHWEST NEAR 8 MPH. A TURN TO THE WEST-NORTHWEST IS EXPECTED DURING THE NEXT 24 HOURS. ON THE FORECAST TRACK...THE CENTER OF THE DEPRESSION WILL BE MOVING NEARLY PARALLEL TO THE COASTLINE WITHIN THE WARNING AREA TODAY AND TONIGHT.**

**MAXIMUM SUSTAINED WINDS ARE NEAR 35 MPH...55 KM/HR...WITH HIGHER GUSTS. SOME STRENGTHENING IS FORECAST DURING THE NEXT 24 HOURS...AND THE DEPRESSION COULD BECOME A SUBTROPICAL OR TROPICAL STORM LATER TODAY.**

**RAINFALL ACCUMULATIONS OF 2 TO 4 INCHES...WITH ISOLATED MAXIMUM AMOUNTS OF 6 INCHES...CAN BE EXPECTED IN ASSOCIATION WITH THE DEPRESSION.**

**COASTAL STORM SURGE FLOODING OF 1 TO 2 FEET ABOVE NORMAL TIDE LEVELS CAN BE EXPECTED IN AREAS OF ONSHORE FLOW.**

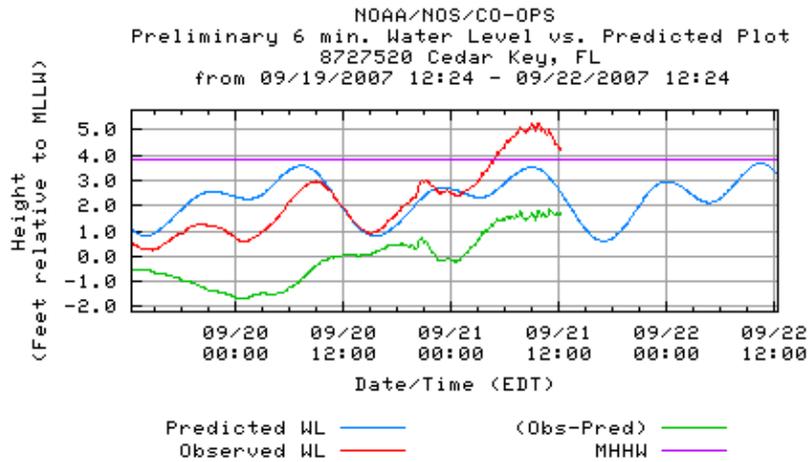
**For additional data and more information on the Storm QuickLook product, please see [www.tidesandcurrents.noaa.gov](http://www.tidesandcurrents.noaa.gov).**

**Water level analyst: PFF**

**For the purpose of timely release, data contained within this QUICKLOOK have undergone a "limited" NOS Quality Assurance/Control; however, the data have not yet undergone final verification. All data subject to NOS verification.**

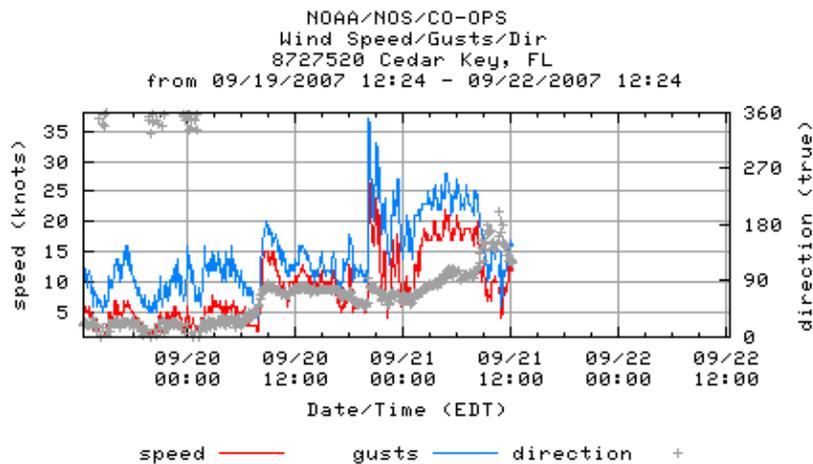
**Jump to: [Cedar Key - Water Level](#), [Cedar Key - Winds](#), [Cedar Key - Barometric](#), [Clearwater Beach - Water Level](#), [Clearwater Beach - Winds](#), [Clearwater Beach - Barometric](#), [Panama City - Water Level](#), [Panama City - Barometric](#), [Pensacola - Water Level](#), [Pensacola - Winds](#), [Pensacola - Barometric](#), [Pascagoula NOAA Lab - Water Level](#), [Pilots Station East, SW Pass - Water Level](#), [Pilots Station East, SW Pass - Winds](#), [Pilots Station East, SW Pass - Barometric](#), [New Canal Station - Water Level](#), [New Canal Station - Winds](#), [New Canal Station - Barometric](#).**

**Cedar Key, FL - Station Map** [Return to List](#)



Last Observed Sample: 09/21/2007 12:12 (EDT)  
 Relative to **MLLW**: **Observed: 4.27 ft. Predicted: 2.53 ft. Residual: 1.74 ft.**  
 Historical Maximum Water Level: 10/07/1996, 5.15 ft. above **MHHW**

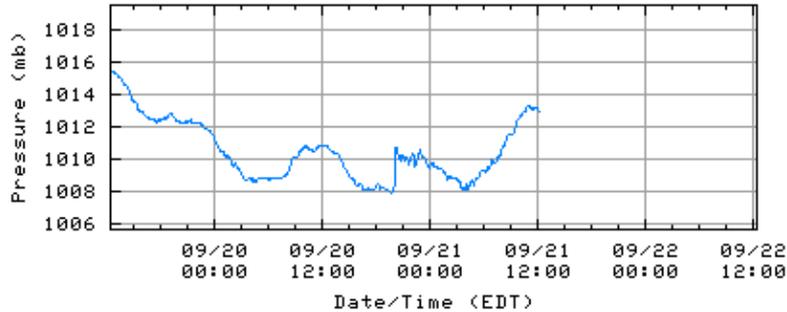
**Cedar Key, FL - Station Map** [Return to List](#)



Last Observed Sample: 09/21/2007 12:12 (EDT)  
**Wind Speed: 12 knots Gusts: 16 knots Direction: 122° T**

**Cedar Key, FL - Station Map** [Return to List](#)

NOAA/NOS/CO-OPS  
 Barometric Pressure Plot  
 8727520 Cedar Key, FL  
 from 09/19/2007 12:24 - 09/22/2007 12:24



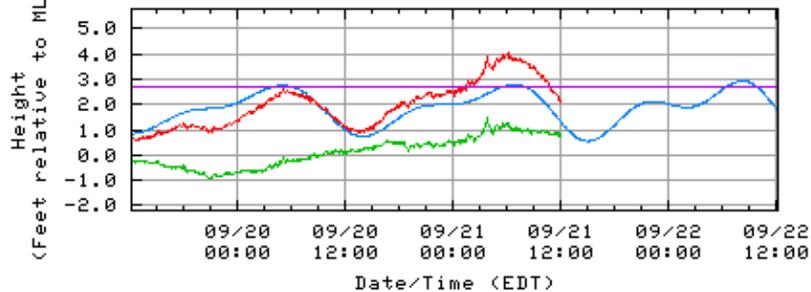
barometric pressure —

Last Observed Sample: 09/21/2007 12:12 (EDT)

Barometric Pressure: 1012.9 mb

**Clearwater Beach, FL - Station Map** [Return to List](#)

NOAA/NOS/CO-OPS  
 Preliminary 6 min. Water Level vs. Predicted Plot  
 8726724 Clearwater Beach, FL  
 from 09/19/2007 12:18 - 09/22/2007 12:18



Predicted WL — (Obs-Pred) —  
 Observed WL — MHHW —

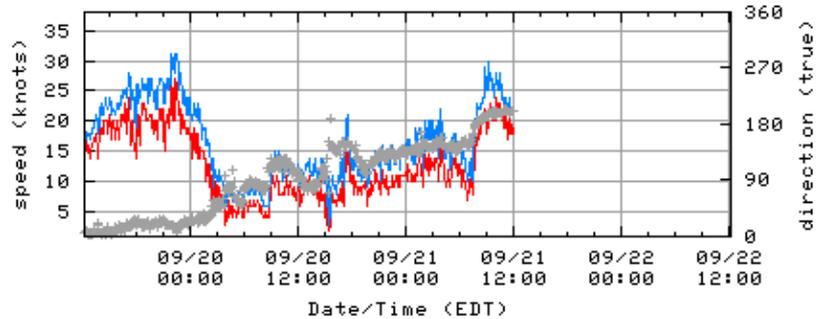
Last Observed Sample: 09/21/2007 12:06 (EDT)

Relative to **MLLW**: Observed: 2.16 ft. Predicted: 1.32 ft. Residual: 0.84 ft.

Historical Maximum Water Level: 03/13/1993, 4.05 ft. above **MHHW**

**Clearwater Beach, FL - Station Map** [Return to List](#)

NOAA/NOS/CO-OPS  
Wind Speed/Gusts/Dir  
8726724 Clearwater Beach, FL  
from 09/19/2007 12:18 - 09/22/2007 12:18



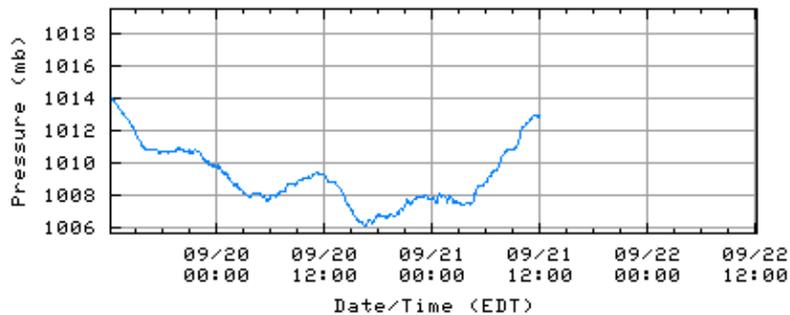
speed — gusts — direction +

Last Observed Sample: 09/21/2007 12:06 (EDT)

Wind Speed: 18 knots Gusts: 21 knots Direction: 202° T

**Clearwater Beach, FL - Station Map** [Return to List](#)

NOAA/NOS/CO-OPS  
Barometric Pressure Plot  
8726724 Clearwater Beach, FL  
from 09/19/2007 12:18 - 09/22/2007 12:18

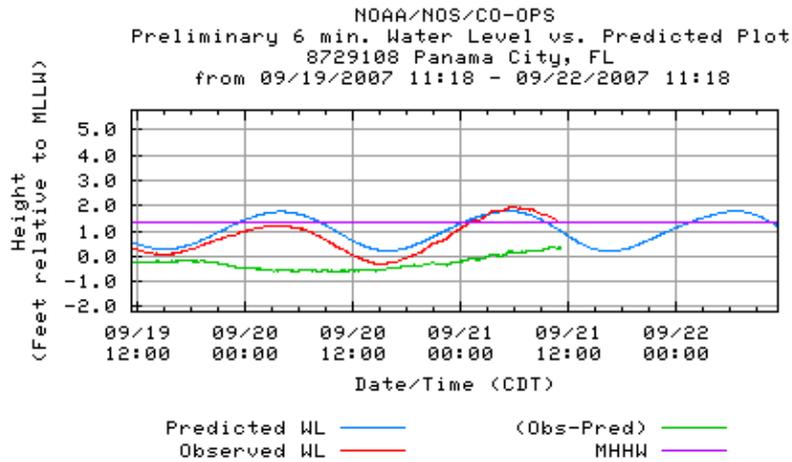


barometric pressure —

Last Observed Sample: 09/21/2007 12:06 (EDT)

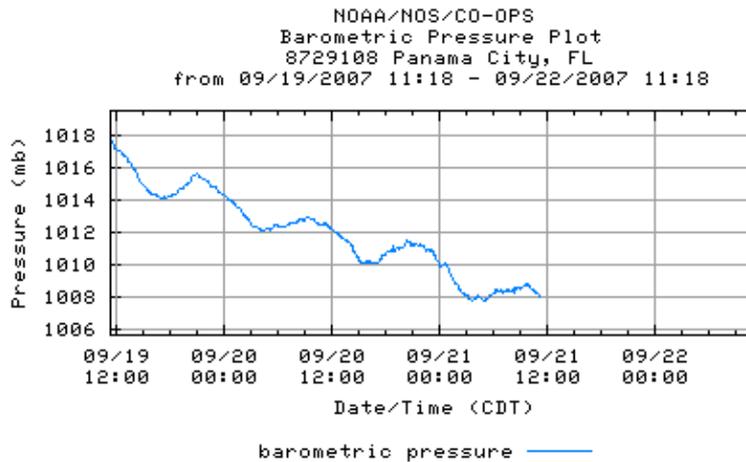
Barometric Pressure: 1012.9 mb

**Panama City, FL - Station Map** [Return to List](#)



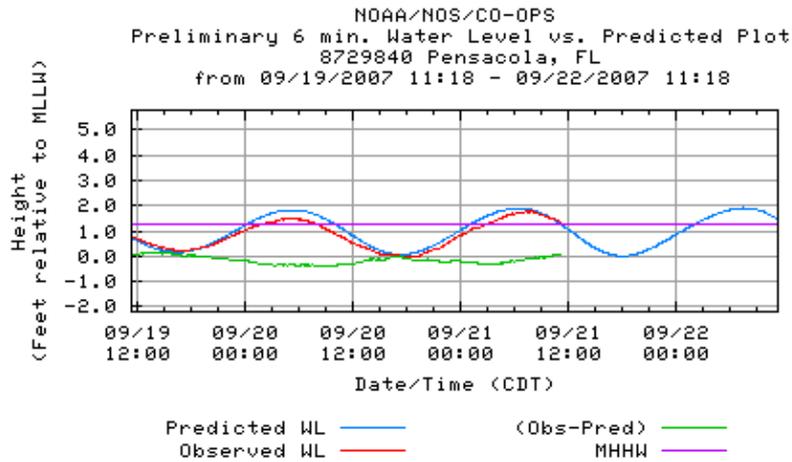
Last Observed Sample: 09/21/2007 11:06 (CDT)  
 Relative to **MLLW**: **Observed: 1.33 ft. Predicted: 0.99 ft. Residual: 0.34 ft.**  
 Historical Maximum Water Level: 10/04/1995, 5.72 ft. above **MHHW**

**Panama City, FL - Station Map** [Return to List](#)



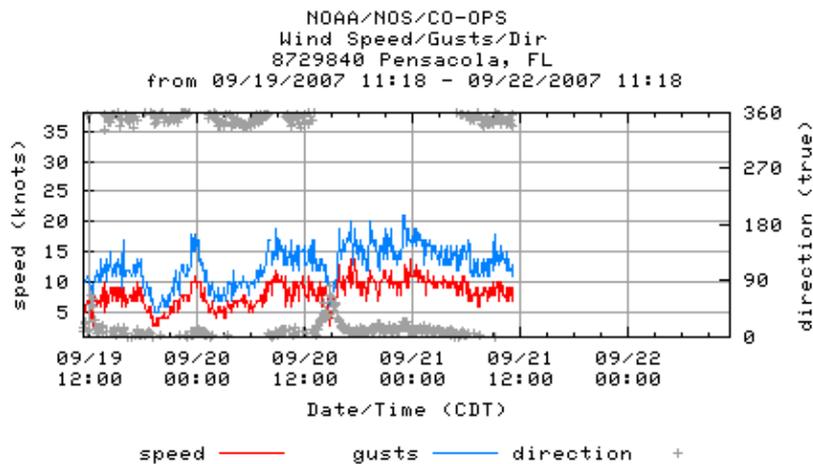
Last Observed Sample: 09/21/2007 11:06 (CDT)  
**Barometric Pressure: 1008.0 mb**

**Pensacola, FL - Station Map** [Return to List](#)



Last Observed Sample: 09/21/2007 11:06 (CDT)  
 Relative to **MLLW**: **Observed: 1.36 ft. Predicted: 1.27 ft. Residual: 0.09 ft.**  
 Historical Maximum Water Level: 09/18/1926, 7.41 ft. above **MHHW**

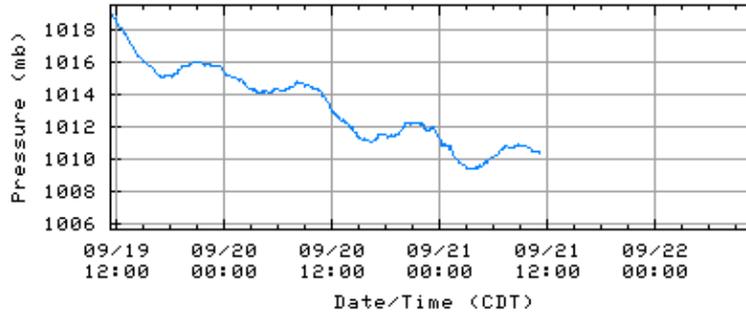
**Pensacola, FL - Station Map** [Return to List](#)



Last Observed Sample: 09/21/2007 11:06 (CDT)  
**Wind Speed: 7 knots Gusts: 11 knots Direction: 340° T**

**Pensacola, FL - Station Map** [Return to List](#)

NOAA/NOS/CO-OPS  
 Barometric Pressure Plot  
 8729840 Pensacola, FL  
 from 09/19/2007 11:18 - 09/22/2007 11:18



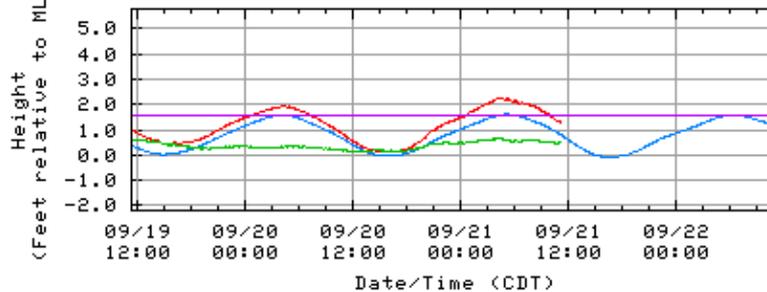
barometric pressure —

Last Observed Sample: 09/21/2007 11:06 (CDT)

Barometric Pressure: 1010.4 mb

**Pascagoula NOAA Lab, MS - Station Map** [Return to List](#)

NOAA/NOS/CO-OPS  
 Preliminary 6 min. Water Level vs. Predicted Plot  
 8741533 Pascagoula NOAA Lab, MS  
 from 09/19/2007 11:18 - 09/22/2007 11:18



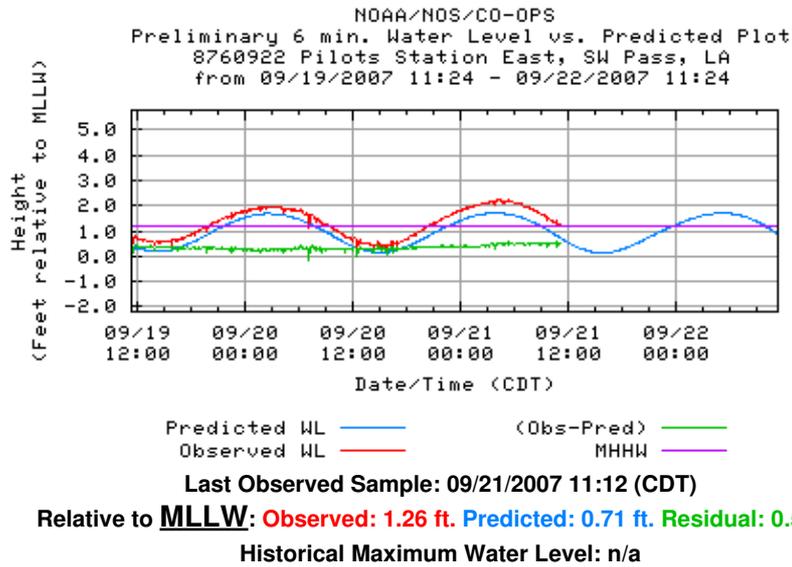
Predicted WL — (Obs-Pred) —  
 Observed WL — MHHW —

Last Observed Sample: 09/21/2007 11:06 (CDT)

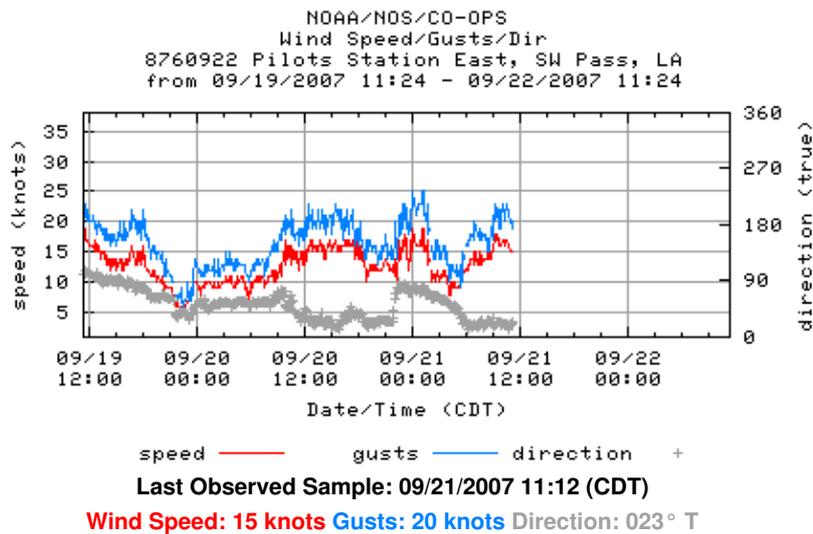
Relative to **MLLW**: Observed: 1.30 ft. Predicted: 0.81 ft. Residual: 0.49 ft.

Historical Maximum Water Level: n/a

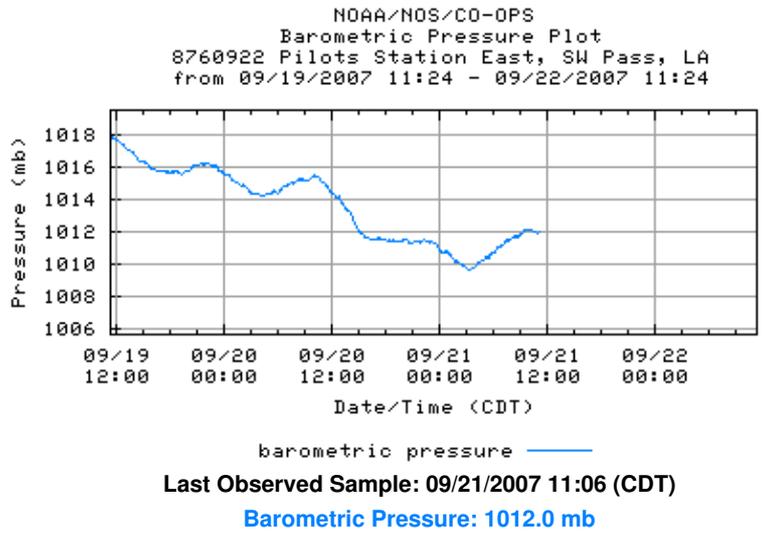
**Pilots Station East, SW Pass, LA - Station Map** [Return to List](#)



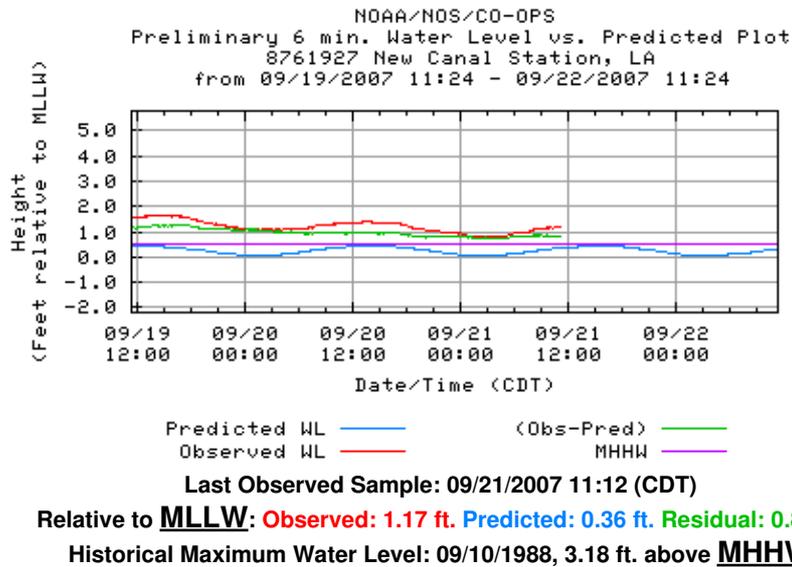
**Pilots Station East, SW Pass, LA - Station Map** [Return to List](#)



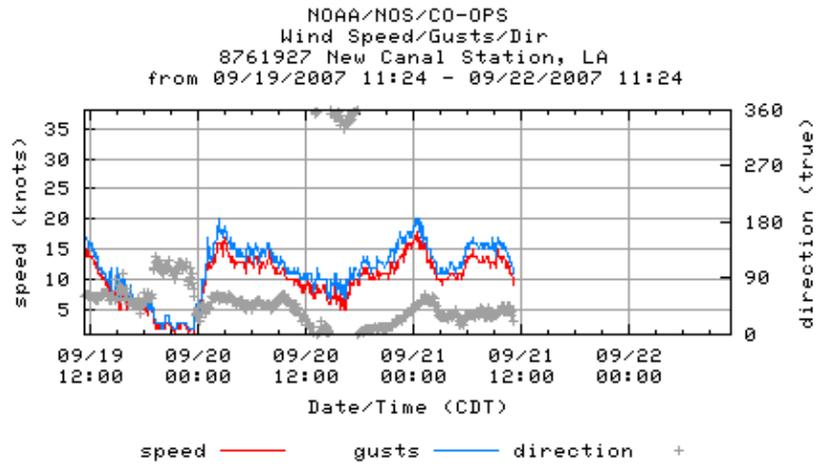
**Pilots Station East, SW Pass, LA - Station Map** [Return to List](#)



**New Canal Station, LA - Station Map** [Return to List](#)

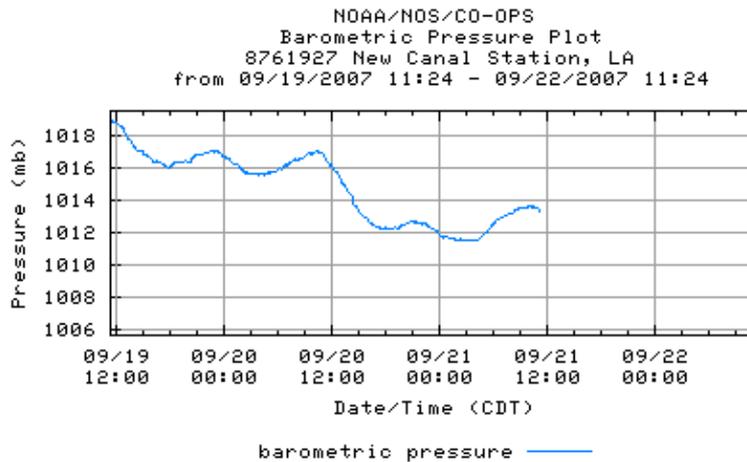


**New Canal Station, LA - Station Map** [Return to List](#)



**Last Observed Sample: 09/21/2007 11:12 (CDT)**  
**Wind Speed: 9 knots** **Gusts: 11 knots** **Direction: 021° T**

**New Canal Station, LA - Station Map** [Return to List](#)



**Last Observed Sample: 09/21/2007 11:12 (CDT)**  
**Barometric Pressure: 1013.3 mb**

## Subtropical Depression TEN QUICKLOOK, POSTED 12:00 EDT 09/21/2007

Center for Operational Oceanographic Products & Services (CO-OPS) | National Ocean Service (NOS)  
National Oceanic and Atmospheric Administration | U.S. Department of Commerce